

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (previously presented) A method of collapsing data packages stored in a data transfer and synchronization system, the method comprising:

providing a first data package having a first transaction including an identification number, an action, and a plurality of fields each with an attribute representing change information;

providing a second data package having a second transaction made subsequent to the first transaction, the second transaction having an identification number, an action, and a field with an attribute;

determining whether the identification number of the second transaction corresponds to the identification number of the first transaction;

determining whether the field of the second transaction corresponds to one of the fields of the first transaction;

combining, when the identification numbers of the first and second transactions correspond to one another and the field of the second transaction corresponds to one of the fields of the first transaction, the first and second data packages to define a combined data package having a combined transaction with the identification number; and

replacing the second data package with the combined data package.

2. (previously presented) The method of claim 1 further comprising:
deleting the first data package.

3. (previously presented) The method of collapsing data packages of claim 1, wherein combining the first and second data packages comprises:

determining the type of action of the second transaction;

defining, when the action of the second transaction is "Add," the combined transaction to include an "Add" action and the corresponding field and the attribute of the second transaction;

defining, when the action of the second transaction is "modify," the combined transaction to include an "add" action and the corresponding field and the attribute of the second transaction; and

defining, when the action of the second transaction is "delete," the combined transaction to include a "delete" action and the corresponding field.

4. (previously presented) A method of collapsing data packages stored in a data transfer and synchronization system, the method comprising:

providing a first data package having a plurality of first transactions each including an identification number, an action, and a plurality of fields each with an attribute representing change information;

providing a second data package having a second transaction made subsequent to the first transactions, the second transaction having an identification number, an action, and a field with an attribute;

determining whether the identification number of the second transaction corresponds to one of the identification numbers of the first transactions;

identifying, when the identification number of the second transaction corresponds to the one of the identification numbers of the first transactions, the one first transaction;

determining whether the field of the second transaction corresponds to one of the fields of the identified first transaction;

combining, when the identification numbers of the second transaction and the identified first transaction correspond to one another and the field of the second transaction corresponds to one of the fields of the identified first transaction, the first and second data packages to define a combined data package having a combined transaction with the identification number; and

replacing the second data package with the combined data package.

5. (previously presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:

collapsing a first plurality of data packages to define a first base data package associated with a first device, each data package having a transaction, all of the transactions having been applied to data in the first device;

collapsing a second plurality of data packages to define a second base data package associated with a second device, each data package having a transaction, all of the transactions having been applied to data in the second device; and

collapsing a third plurality of data packages to define a third base data package associated with a third device, each data package having a transaction, all of the transactions having been applied to data in the third device.

6. (Cancelled)

7. (previously presented) A system coupled to a network, comprising:

code for tracking receipt of at least a first and a second data package file, each file including an instruction to change data, and an identification number, wherein said at least second data package file was created later in time than the first data package file to a storage device coupled to the network;

a base rolling engine including code operable to instruct a processing device to:

determine whether the identification number of the second file corresponds to the identification number of the first,

determine whether the data of the second file corresponds to the data of the first file;

combine the first and second files when the identification numbers of the first and second file correspond to one another and the data of the second file corresponds to the data of the first file; and

replace the second data package file with the combined data package.

8. (previously presented) The system of claim 7 wherein the first and second data packages to define a combined data package having a combined transaction with the identification number.

9. (previously presented) The system of claim 7 wherein said base rolling engine includes code to delete the first data package upon combining of the first and second files.

10. (previously presented) The system of claim 7, wherein said code to combine the first and second data package files comprises code for instructing the processor to perform the steps of:
determining the type of instruction;

defining, when the action of the second file instruction is "Add," the combined transaction to include an "Add" action and a corresponding field and the attribute of the second file;

defining, when the action of the second file is "modify," the combined transaction to include an "add" action and the corresponding field and the attribute of the second file; and

defining, when the action of the second file is "delete," the combined transaction to include a "delete" action and the corresponding field.

11. (previously presented) The system of claim 7 wherein each said data package includes data from a device coupled to the network and the data package file is transmitted to the storage device.

12. (previously presented) The system of claim 7 wherein further including at least a third and a fourth data package files, wherein the first and second data package files included data from a first device having a data store coupled to the network and the third and fourth data package files include data from a second device having a data store coupled to the network.

13. (previously presented) The system of claim 7 wherein each data package includes an instruction to alter contact information defined by a user.

14. (previously presented) The system of claim 7 wherein each data package further includes at least one data field including change information for the data.

15. (previously presented) One or more processor readable storage devices as defined in claim 5 wherein each data package includes an instruction to change data, and an identification number.

16. (previously presented) One or more processor readable storage devices as defined in claim 5 wherein said at one of the first, second and third plurality of data packages was created later in time than another of said respective first, second and third plurality of data packages.

17. (previously presented) One or more processor readable storage devices as defined in claim 5 wherein said storage device is coupled to the network.